

WHAT IS CLAIMED IS:

1. An extract of a plant *Dendrobii Caulis*, obtained by an extraction of said plant or parts thereof with a water miscible organic solvent or a mixture thereof with water.
2. The extract as claimed in claim 1, wherein said organic solvent is one selected from a group consisting of an alcohol having 1 to 8 carbon atoms, an alkane, and an ester.
3. The extract as claimed in claim 2, wherein said alcohol is one of methanol and ethanol.
4. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of an extract according to claim 1 and an isomer of said extract.
5. The composition as claimed in claim 4, wherein said physiological active composition is a pharmaceutical composition.
6. The composition as claimed in claim 4, wherein said physiologically acceptable carrier is a pharmaceutical carrier.
7. A process for preparing an extract from a plant *Dendrobii Caulis*, comprising plural steps of extracting said plant or parts thereof with a water, a water miscible organic solvent or a mixture thereof.
8. The process as claimed in claim 7, wherein said organic solvent is one selected from a group consisting of an alcohol having 1 to 8 carbon atoms, an alkane, and an ester.
9. The process as claimed in claim 8, wherein said alcohol is one of methanol and ethanol.
10. A process for preparing an extract from a plant, comprising steps of:
 - a) obtaining a first alcohol extract from said plant;

b) extracting said first alcohol extract by a water and an alkane simultaneously for obtaining a first water layer and an alkane extract;

c) extracting said first water layer by an ester for obtaining an ester extract and a second water layer; and

d) extracting said second water layer by a second alcohol for obtaining a second alcohol extract and a third water layer.

11. The process as claimed in claim 10, wherein said plant belongs to Genus *Dendrobium*.

12. The process as claimed in claim 10, wherein said step a) further comprises steps of:

a1) providing a dry material of said plant;

a2) grinding said dry material by a pulverizer; and

a3) extracting said ground dry material by said first alcohol for obtaining said first alcohol extract.

13. The process as claimed in claim 10, wherein said first alcohol is an alcohol having 1 to 8 carbon atoms.

14. The process as claimed in claim 13, wherein said first alcohol is one of methanol and ethanol.

15. The process as claimed in claim 10, wherein said second alcohol is an alcohol having 1 to 8 carbon atoms.

16. The process as claimed in claim 15, wherein said second alcohol is one of butanol and n-butanol.

17. The process as claimed in claim 10, wherein said step b) further comprises a step of:

b1) drying said first alcohol extract through steps of decompressing, condensing, and exhausting.

18. The process as claimed in claim 10, wherein said alkane extract is an n-hexane extract.

19. The process as claimed in claim 10, wherein said step c) further comprises steps of:

c1) drying said ester extract; and

c2) extracting said dried ester extract with a hexane and a methanol for obtaining a hexane extract and a methanol extract.

20. The process as claimed in claim 19, wherein said hexane extract is dried by steps of decompressing, condensing, and exhausting.

21. The process as claimed in claim 10, wherein said ester is an ethyl-acetate.

22. The process as claimed in claim 10 further comprising steps of:

e) chromatographing said second alcohol extract for obtaining a first eluate named as DCMPbL6,7; and

f) chromatographing said DCMPbL6,7 by a mobile phase for obtaining a second eluate.

23. The process as claimed in claim 22, wherein said step e) is performed by an eluent of a methanol/water mixture in a 50:50 volume ratio.

24. The process as claimed in claim 22, wherein said mobile phase is an isopropanol/water mixture in a 20:80 volume ratio, and said second eluate is named as DCMPbL6,7D2.

25. The process as claimed in claim 24, wherein said DCMPbL6,7D2 is further chromatographed with a methanol/water/acetic acid mixture in a 35:65:1 volume ratio for obtaining a third eluate named as DCMPbL6,7D2H2.

26. The process as claimed in claim 22, wherein said mobile phase is an isopropanol/water mixture in a 30:70 volume ratio, and said second eluate is

named as DCMPbL6,7D3.

27. The process as claimed in claim 26, wherein said DCMPbL6,7D3 is further chromatographed with a methanol/water/acetic acid mixture in a 40:60:1 volume ratio for obtaining a fourth eluate named as DCMPbL6,7D3H3.

28. The process as claimed in claim 22, wherein said mobile phase is an isopropanol/water mixture in a 40:60 volume ratio, and said second eluate is named as DCMPbL6,7D4.

29. The process as claimed in claim 28, wherein said DCMPbL6,7D4 is chromatographed with a methanol/water/acetic acid mixture in a 45:55:1 volume ratio for obtaining a fifth eluate named as DCMPbL6,7D4H3.

30. An extract obtained according to the process of claim 10.

31. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of an extract according to claim 30 and an isomer of said extract.

32. The composition as claimed in claim 31, wherein said physiological active composition is a pharmaceutical composition.

33. The composition as claimed in claim 31, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

34. An eluate being said second eluate obtained according to the process of claim 22.

35. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of an eluate according to claim 34 and an isomer of said eluate.

36. The composition as claimed in claim 35, wherein said physiological active composition is a pharmaceutical composition.

37. The composition as claimed in claim 35, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

38. An eluate being said third eluate according to the process of claim 25.

39. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of an eluate according to claim 38 and an isomer of said eluate.

40. The composition as claimed in claim 39, wherein said physiological active composition is a pharmaceutical composition.

41. The composition as claimed in claim 39, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

42. An eluate being said fourth eluate according to the process of claim 27.

43. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of an eluate according to claim 42 and an isomer of said eluate.

44. The composition as claimed in claim 43, wherein said physiological active composition is a pharmaceutical composition.

45. The composition as claimed in claim 43, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

46. An eluate being said fifth eluate according to the process of claim 29.

47. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of an eluate according to claim 46 and an isomer of said eluate.

48. The composition as claimed in claim 47, wherein said physiological active composition is a pharmaceutical composition.

49. The composition as claimed in claim 47, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

50. A process for preparing an extract from a plant, comprising steps of:

- a) obtaining a first organic extract from said plant;
- b) extracting said first organic extract by a water and a second organic solvent simultaneously for obtaining a first water layer and a second organic extract;
- c) extracting said first water layer by a third organic solvent for obtaining a third organic extract and a second water layer; and
- d) extracting said second water layer by a fourth organic solvent for obtaining a fourth organic extract and a third water layer.

51. The process as claimed in claim 50, wherein said plant is an orchid.

52. The process as claimed in claim 50, wherein said step a) further comprises steps of:

- a1) providing a dry material of said plant;
- a2) grinding said dry material by a pulverizer; and
- a3) extracting said ground dry material by said first organic solvent for obtaining said first alcohol extract.

53. The process as claimed in claim 50, wherein said first organic solvent is an alcohol having 1 to 8 carbon atoms.

54. The process as claimed in claim 50, wherein said second organic solvent is an alkane having 1 to 8 carbons.

55. The process as claimed in claim 50, wherein said third organic solvent is an ester.

56. The process as claimed in claim 50, wherein said fourth organic solvent is an alcohol having 1 to 8 carbon atoms.

57. The process as claimed in claim 56, wherein said alcohol is one of butanol and n-butanol.

58. A substance defined by Figs. 5 to 11.

59. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of a substance according to claim 58 and an isomer of said substance.

60. The composition as claimed in claim 59, wherein said physiological active composition is a pharmaceutical composition.

61. The composition as claimed in claim 59, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

62. A substance defined by Figs. 13 to 17.

63. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of a substance according to claim 62 and an isomer of said substance.

64. The composition as claimed in claim 63, wherein said physiological active composition is a pharmaceutical composition.

65. The composition as claimed in claim 63, wherein said physiologically acceptable carrier is a pharmaceutical carrier.

66. A substance defined by Figs. 19 to 24.

67. A physiological active composition comprising a physiologically acceptable carrier for carrying therewith, and one of a substance according to claim 66 and an isomer of said substance.

68. The composition as claimed in claim 67, wherein said physiological active composition is a pharmaceutical composition.

69. The composition as claimed in claim 67, wherein said physiologically acceptable carrier is a pharmaceutical carrier.